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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/911,540	07/25/2001	Muneomi Katayama	TESJ.0036	4850
38327	7590	11/30/2005	EXAMINER	
REED SMITH LLP 3110 FAIRVIEW PARK DRIVE, SUITE 1400 FALLS CHURCH, VA 22042			AMINZAY, SHAIMA Q	
			ART UNIT	PAPER NUMBER
			2684	

DATE MAILED: 11/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/911,540

Applicant(s)

KATAYAMA, MUNEOMI

Examiner

Shaima Q. Aminzay

Art Unit

2684

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 25 July 2001.  
2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☒ Claim(s) 1-20 is/are allowed.  
6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.  
7) ☒ Claim(s) 1-20 is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 25 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

## ***DETAILED ACTION***

### ***Ex Parte Quayle***

1. This action is in condition for allowance except for the following formal matters:

#### ***Abstract***

2. Content:

A patent abstract is a concise statement of the technical disclosure of the patent and should include that which is new in the art to which the invention pertains. If the patent is of a basic nature, the entire technical disclosure may be new in the art, and the abstract should be directed to the entire disclosure. If the patent is in the nature of an improvement in an old apparatus, process, product, or composition, the abstract should include the technical disclosure of the improvement. In certain patents, particularly those for compounds and compositions, wherein the process for making and/or the use thereof are not obvious, the abstract should set forth a process for making and/or use thereof. If the new technical disclosure involves modifications or alternatives, the abstract should mention by way of example the preferred modification or alternative.

The abstract should not refer to purported merits or speculative applications of the invention and should not compare the invention with the prior art.

Where applicable, the abstract should include the following:

- (1) if a machine or apparatus, its organization and operation;
- (2) if an article, its method of making;
- (3) if a chemical compound, its identity and use;
- (4) if a mixture, its ingredients;

(5) if a process, the steps.

3. Language

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

4. The Abstract needs to be descriptive of the applicant's invention with the proper phrases, proper link, full description of acronyms, and no other subject matter should be included in the same sheet as the Abstract. Applicant's correction is required.

### ***Specification***

The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

***Arrangement of the Specification***

5. As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:
  - (a) TITLE OF THE INVENTION.
  - (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
  - (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
  - (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables having more than 50 pages of text are permitted to be submitted on compact discs.) or  
REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.)
  - (e) BACKGROUND OF THE INVENTION.
    - (1) Field of the Invention.
    - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
  - (f) BRIEF SUMMARY OF THE INVENTION.
  - (g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
  - (h) DETAILED DESCRIPTION OF THE INVENTION.
  - (i) CLAIM OR CLAIMS (commencing on a separate sheet).
  - (j) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
  - (k) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if

the required "Sequence Listing" is not submitted as an electronic document on compact disc).

### ***Claim Objections***

6. Claim 1 is objected under 37 CFR 1.75(c) as being improper, the acronyms "VCR", and "DVD" full descriptions are missing. Accordingly, for the same reason as claim 1, the dependent claims 2-20 are objected. Applicant's correction is required.

Claims 7-16 are objected to under 37 CFR 1.75(c) as being in improper form because of dependency to the multiple dependent claims (claim 7 is an improper multiple dependent of claims 1-6, claim 6 is dependent of claim 5, claim 5 is a multiple dependent of claims 1-4; claims, 8, 10, 12, and 15 are dependent of improper multiple dependent claims 7, 9, 11, 13, and 14; claim 16 is dependent of improper multiple dependent claims 7-15). See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

7. Prosecution on the merits is closed in accordance with the practice under Ex Parte Quayle, 1935 C.D. 11,453 O.G. 213.

A shorter statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

***Allowable Subject Matter***

8. Claims 1-20 are allowable.
9. The following is an examiner's statement of reason for the indication of allowable subject matter:

The prior art Tucker (Tucker, U. S. Patent 5,953,056) discloses a method for enhancing display of a sporting event such as baseball, football, tennis, soccer, etc. The recorded background video image frame represents a background video image of the playing field within the large field of view. The path of a ball in a playing field of the sporting event is tracked while the ball is moving, and the successive overlay video image frames are generated. The successive overlay video image frames are combined with the background video image frame generating successive overlaid video image frames to provide an overhead view of the shape and distance of the baseball shot within the large field of view

The prior art Mensch (Mensch, U. S. Publication 2002/0133,824) discloses a method of wireless entertainment system including a receiver/transmitter station and a wireless telephone network. The motion picture is ordered by a customer through a wireless telephone and is delivered through the wireless network, this is a non-permanent method (streaming) to the customer through the network and to a receiver, such as a television viewing or to an intermediate storage medium such as memory device that can communicate directly to a viewing device such

display.

As to claim 1, the prior art of record Tucker (Tucker, U. S. Patent 5,953,056) and Mensch (Mensch, U. S. Publication 2002/0133,824) fail to teach, or render obvious, alone or in combination, a "method for information processing comprising a scorecard preparation system, an automatic editing system and a motion analysis system of a baseball game characterized by comprising: a data recording medium, such as a tape, an FD or a data server which contain real time data that are forwarded by utilizing a network, comprising a scorecard preparation system, a video system, an automatic editing system, a motion analysis system and the step of forwarding the data, wherein the body of the scorecard preparation system has an input terminal, such as a mobile terminal, and wherein the movements of the players and other information are inputted by means of the input terminal in a chronological manner; an image recording medium such as a VCR, a DVD or an image server which contain a plural number of pieces of image information, such as bird's eye view images or zoomed in images of said players, the step of encoding and forwarding them and said digitalized video data transmitted through the usage of a network; the screen of said data input terminal, wherein the user (audience) accesses either of said data medium or image medium, or both of them, over the network and links together a predetermined image and data so as to be outputted on the same screen of the output terminal of a mobile body, such as a cellular telephone, a



personal computer, or the like, comprises an input part for pitcher motion, an input part for batter motion and an other information part; in the input part for pitcher motion, at least, input keys for the starting time and finishing time of the game, input keys for names of the pitchers and names of the batters facing the respective pitchers of the game, input keys for pitch types thrown by the pitcher, such as curve, screwball or slider, input keys for numerals from 0 to 9 and graphics of the strike zone are arranged in appropriate locations; in the input part for batter motion, at least, graphics of the diamond showing the names or numbers of all of the fielders and the batter in predetermined locations and input keys for strike out, hit ball resulting in an out, single, double, triple, homerun are arranged in proper positions; in the other information parts, at least, a display of respective team names, a display of graphics of the scoreboard and a display of the ball, strike and out count are arranged in proper positions; at the time same time that the game starts, said input key for the starting time is clicked so that image information is inputted while the system is being driven in sync, then the pitch type thrown by the pitcher is determined so that the input key for pitch type of said input part for pitcher motion is clicked and by clicking positions on said graphics of the strike zone which agree with the positions of said pitches the types and the positions of the pitches are displayed on the graphics of the strike zone in the form of letters or graphics; in the case that a batter gets a hit, the position to which the ball goes is defined on said graphics of the diamond and, by clicking the position on the graphics of the diamond, a line is automatically drawn

between that position and home base; and a scorecard preparation system wherein data of the desired inning number and of the entire game can be stored in the personal computer and the video tape or DVD for later viewing on the monitor" as disclosed in claim 1.

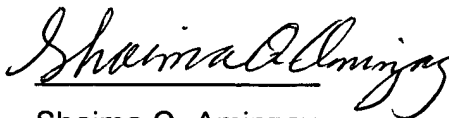
For these reasons, independent claim 1 is allowable. Claims 2-20 are dependent of the independent claim 1 or dependent of one of the dependent claims 2-19, are allowable under the same reasons set forth in claim 1.

10. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

### **Conclusion**

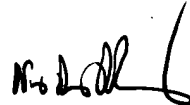
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shaima Q. Aminzay whose telephone number is 571-276-7874. The examiner can normally be reached on 7:00 AM -5:00 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 571-272-7882. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Shaima Q. Aminzay  
(Examiner)

November 23, 2005



**NAY MAUNG**  
**SUPERVISORY PATENT EXAMINER**

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Nay A. Maung  
(SPE)

Art Unit 2684